Vydyne® LUB A 30 FC BK TF13 SI KW

PA66-CF30 Ascend

Product Texts

Vydyne LUB A 30 FC BK TF13 SI KW is standard flow 30% carbon-fiber reinforced, 13% PTFE 1% silicone lubricated PA66 resin. Available in black, it is specifically designed for high stiffness and strength. This product also has a low coefficient of friction and is electrically conductive.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**0.1 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**0.3 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**20500 / 15400**	MPa	ISO 527
[C] Stress at break	**205 / 160**	MPa	ISO 527
[C] Strain at break	**1.5 / 3**	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**260 / ***	°C	ISO 11357-1/-3
[C] Temp. of deflection under load, 1.80 MPa	**245 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**250 / ***	°C	ISO 75-1/-2
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Volume resistivity	**100 / -**	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Humidity absorption	**1.7 / ***	%	Sim. to ISO 62
[C] Density	**1350 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Delivery form
Pellets, Black

Additives
Lubricants

Special Characteristics
Increased electrical conductivity, Heat stabilized or stable to heat

Features
Tribologic Grade

Regional Availability
North America, Europe, Asia Pacific

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